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Proof Induction path:

* Every cell in the table represents a specific case of combination of m and n, power of d(x) and f(x) respectively, which starts with the bottom left cell being (0,0) and have the change of m in the x direction and change of n in the y direction
* Green cells represent cases proven.
* Yellow cells represent cases inducted.
* Red cells represent cases undefined
* Arrows represent how each case could be inducted from another